

## EAST Search History

| Ref # | Hits | Search Query                                                                                                                   | DBs                                                               | Default Operator | Plurals | Time Stamp       |
|-------|------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| L1    | 6478 | (385/14,27).CCLS.                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/19 09:26 |
| L2    | 34   | (add near drop).ti,ab. and switch\$4 and interferometer and ("3" near db)                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 09:28 |
| L3    | 16   | (add near drop).ti,ab. and switch\$4 and interferometer and ("3" near db) and (tunable near3 filter)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 09:38 |
| L4    | 6    | (add near drop).ti,ab. and switch\$4 and interferometer and ("3" near db) and (tunable near3 filter) and (phase near3 shifter) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 09:38 |
| L6    | 1    | tunable with optical with filter and (even with number with resonator with cavity with loop)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 10:19 |
| L7    | 15   | tunable with optical with filter and ( resonator with cavity with loop)                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 10:22 |
| L8    | 14   | 7 not 6                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 10:19 |
| L9    | 0    | ( resonator with cavity with loop).ti, ab. and frequcy.ti,ab.                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 10:23 |

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| Ref # | Hits | Search Query                                                                                                                   | DBs                                                               | Default Operator | Plurals | Time Stamp       |
|-------|------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| L1    | 6478 | (385/14,27).CCLS.                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/19 09:26 |
| L2    | 34   | (add near drop).ti,ab. and switch\$4 and interferometer and ("3" near db)                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 09:28 |
| L3    | 16   | (add near drop).ti,ab. and switch\$4 and interferometer and ("3" near db) and (tunable near3 filter)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 09:38 |
| L4    | 6    | (add near drop).ti,ab. and switch\$4 and interferometer and ("3" near db) and (tunable near3 filter) and (phase near3 shifter) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 09:38 |
| L6    | 1    | tunable with optical with filter and (even with number with resonator with cavity with loop)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 10:19 |
| L7    | 15   | tunable with optical with filter and ( resonator with cavity with loop)                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 10:22 |
| L8    | 14   | 7 not 6                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 10:19 |
| L9    | 0    | ( resonator with cavity with loop).ti, ab. and frequency.ti,ab.                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/08/19 10:23 |

## EAST Search History

|     |      |                                                                     |                                                                   |    |     |                  |
|-----|------|---------------------------------------------------------------------|-------------------------------------------------------------------|----|-----|------------------|
| L10 | 90   | ( resonator with cavity with loop).ti,<br>ab. and frequency.ti,ab.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/19 10:23 |
| S1  | 6171 | (385/14,27).CCLS.                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/22 09:19 |
| S2  | 2    | ("6285810").PN.                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/19 10:18 |
| S3  | 6    | ((("5943458") or ("6285810") or<br>("6522795"))).PN.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/22 09:24 |
| S4  | 8    | ((("5943458") or ("6285810") or<br>("6522795") or ("5703975"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/18 10:16 |
| S5  | 2819 | interferometr\$4 and (optic\$3 near3<br>filter\$4)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/22 10:17 |
| S6  | 2    | ("20060233486").PN.                                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/22 10:15 |
| S7  | 283  | interferometr\$4 and (optic\$3 near3<br>filter\$4) and shifter      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/22 10:17 |
| S8  | 27   | ("5249243"   "5623566"   "6038047").<br>PN. OR ("6285810").URPN.    | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/01/22 10:59 |

## EAST Search History

|     |   |                                                                                                                             |                                                                   |    |     |                  |
|-----|---|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|-----|------------------|
| S9  | 9 | ("20010026655"   "20020015155"   "20020076131"   "5064684"   "5522004"   "5891747"   "6285810"   "6631232"   "6690844").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/01/22 11:11 |
| S10 | 2 | ("6999666").PN.                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/22 11:11 |
| S11 | 2 | ("6285810").PN.                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/18 10:16 |